



Farhan Maulana Azhar

maulanaazhar10@gmail.com | +6285210559084 | Pasuruan, Indonesia

Graduate bachelor of Science in chemistry Syarif Hidayatullah State Islamic University Jakarta. Experienced in quality control supervisor in fmcg industry, chemical analyst in environmental cases and photocatalyst for dyes waste degradation. Motivated to continuously develop skills, have good communication skill, able to work as a team or individually, have strong analytical and problem solving skills, and eager to learn new things.

Education

Chemistry | Universitas Islam Negeri Syarif Hidayatullah | (Sep 2018 – Mar 2022)

- Bachelor of Science, GPA 3.59/4.00
- Awarded of Widyadharma Scholarship 2018-2022
- Final project: Synthesis and test of photocatalytic activity metal organic frameworks (MOFs) based on chromium metal ions and PTC ligands through solvothermal methods

Work Experience

SPV QC Line Drink & Packaging

Kab. Pasuruan, Jawa Timur

PT. Mitra Alam Segar | (Mar 2023 – Now)

- Supervise and coordinate QC line in inspection of the quality of the aseptic production process and the packaging production process according to SOP and standards.
- Analyze and evaluate monthly reports on the inspection results of the aseptic production process and the packaging production process.
- Responsible for fulfilling the requirements of the K3L Management System and food safety the aseptic production process and the packaging production process.
- Actively involved in rootcause and problem solving to quality and food safety issue.
- Inspect and review all procedures (standart, SOP, WI) of the aseptic production process and the packaging production process.

Kasie QC

Kab. Bekasi, Jawa Barat

PT. Sariguna Primatirta Tbk | (Jul 2022 – Mar 2023)

- Analyzed physical, chemical, and microbiological analysis of the entire water treatment process until finished product.
- Inspect the incoming materials from the supplier based on standards to ensure the quality and safety of the products.
- Oversee the process of critical control points (CCP) periodically related to food safety to minimize customer complaint.
- Supervise and ensure that all documents (SOP/IK/Form) have been socialized and distributed to other departments.
- Control and ensure the implementation of GMP, ISO 22000:2018, ISO 9001:2015, and completion of audit findings to optimize the effectiveness of the Quality Management System.
- Coordinate with QC Manager and Plant Manager to ensure adherence to established quality standards.

Research Assistant

Tangerang Selatan, Banten

Universitas Islam Negeri Syarif Hidayatullah | (Apr 2022 – Jun 2022)

- Created composite magnetic from MOFs Cr-PTC and ZnO-Fe₃O₄ and application for photocatalyst and antibacteri material.
- Measured this project using XRD, UV-Vis DRS, SEM, and FTIR.

Researcher

Tangerang Selatan, Banten

Universitas Islam Negeri Syarif Hidayatullah | (Sep 2021 – Dec 2021)

- Created Metal-Organic Framework (MOFs) Cr-PTC as a photocatalyst for degradation dyes of methylene blue with a great response in the visible lamp in 50 ppm of methylene blue solution.
- Measured this project using XRD, UV-Vis DRS, SEM, and FTIR. MOFs have good crystallinity, nanoparticle size and energy bandgap at 2.1 eV.

Chemical Analyst

Jakarta Selatan, DKI Jakarta

PTKMR BATAN | (Feb 2021 – May 2021)

- Prepared soil, grass, and food sample from Bengkayang, Kalimantan Barat using wet destruction method using citric acid.
- Analyzed heavy metals contaminants such Cd, Cr, Cu, Fe, Mn, Ni, Pb, and Zn using Atomic Absorption Spectrophotometer (AAS).

Laboratory Assistant

Jakarta Selatan, DKI Jakarta

SMAN 32 Jakarta | (Jan 2019 – Feb 2019)

- Improved skill of science students in preparing for chemistry practicum exams such as titration, electrolysis, protein testing, and freezing point determination by giving them an example, procedure, and summary after the practicum.
- Assisted teachers in preparing tools and practicum materials and help with assessments to the students.

Organization

Member | Himpunan Mahasiswa Kimia (HIMKA) | (Mar 2019 – Oct 2020)

- Became an active member by participating in the student orientation committee at public relation division.
- Assisted the logistics division to succeed the chemistry olympiad (OLEFIN) with 100+ participants from high school/vocational equivalent Jabodetabek.
- Assisted the sponsorship and public relation division to succeed Chemistry In Village (CIV). Held free medical treatment in collaboration with ACT and distributed nine main food materials, masks, and hand sanitizers to residents in Gang Mawar, Ciputat Timur.

Staff of Enterpreneurial Division | Laboratory Management of Chemistry | (Jan 2019 – Jan 2020)

- Sold personal protective equipment such as lab coats, masks, gloves, lab shoes, lab goggles and distributed practicum modules to students from lecturers.
- Assisted the food division in training and seminar K3 to the new students before the start of practicum activities in the laboratory.

Publication

Synthesis Metal-Organic Framework (MOFs) Cr-PTC-HIna Modulated Isonicotinic Acid for Methylene Blue Photocatalytic Degradation

Bulletin of Chemical Reaction of Engineering & Catalysis | Available: 6 May 2022

Publication URL: <https://ejournal2.undip.ac.id/index.php/bcrec/article/view/13930>

Certificate: Pendamping PPH (Proses Produk Halal)

Hard Skills: Microsoft Office (Advanced), Spectrophotometer (Advanced), XRD (Intermediate), SEM (Intermediate).

Languages: Indonesia (Native), English (Intermediate).